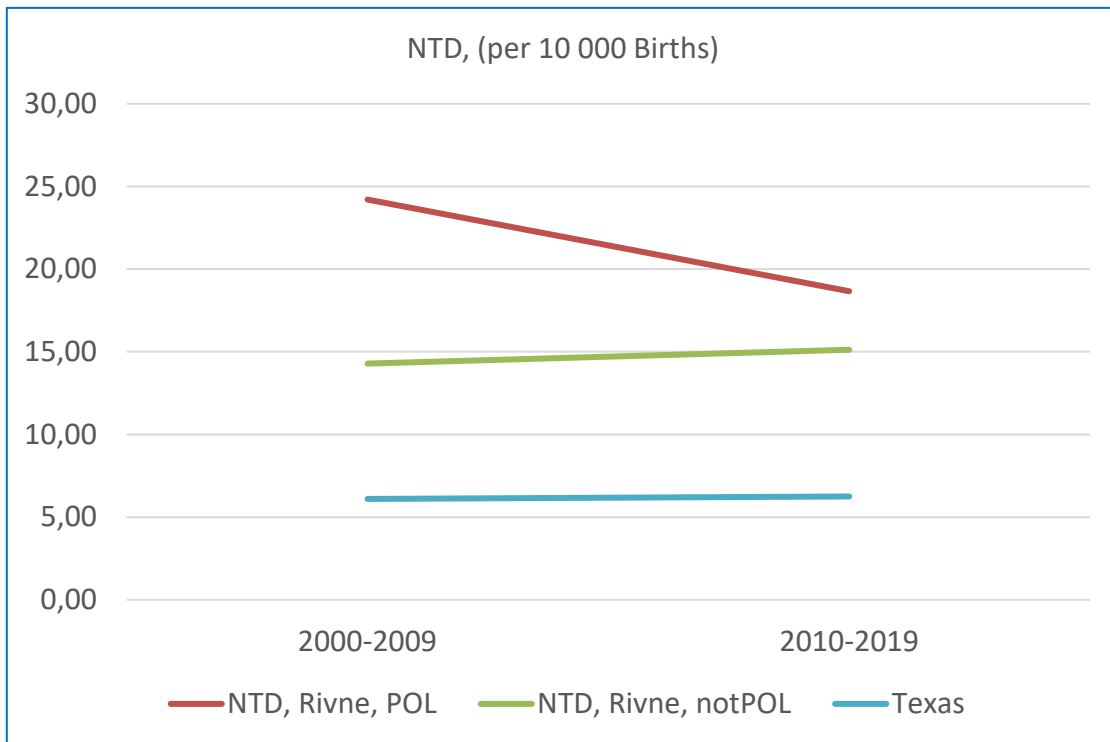


The following is a *partial extract from the in Ukrainian version* of this news bulletin.

NEURAL TUBE DEFECTS (NTD) – PERSISTENT EPIDEMIC IN UKRAINE



CHORNOBYL RADIATION, NEURAL TUBE DEFECTS, AND MICROCEPHALY IN RIVNE, UKRAINE (2000-2019)

ABSTRACT

(Extract) ... analysis of levels of Chernobyl Cs-137 incorporated by 14,591 pregnant women and population prevalence rates of 16 developmental anomalies ... (statistically significantly higher prevalence rates) neural tube defects, microcephaly, and microphthalmia ... in a region polluted by Chernobyl radionuclides ... temporal decrement of Cs-137 incorporated levels by pregnant women, as well as a decrement of prevalence rates of neural tube defects ... sufficient evidence to institute a program to maximize the consumption of folic acid supplements and fortified nutrients, a public health and preventive medicine application known to be safe and effective to reduce the occurrence and recurrence of neural tube defects. ... (Full text available [upon request](#))

PREVENTION IS KNOWN –THE FREQUENCY OF NTD CAN BE REDUCED BY 75% AS DONE IN TEXAS (USA) AND MANY OTHER COUNTRIES.

Every woman of reproductive age should take tablets of **folic acid before and during pregnancy** to fully meet the demands of a developing embryo-fetus ...

Daily need of folic acid
0,4 mg – for everyone
4-5 mg – for those, who had a child with NTD

Every mother who gave birth to a child with NTD should know that her risk to have another child with NTD is much higher ... Taking folic acid can greatly **reduce the risk**.

More ...

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PREVENTION OF SPINA BIFIDA EPIDEMIC UKRAINIAN PARLIAMENT'S HEALTH COMMITTEE REVIEW OF LEGISLATION



(2017) ... OMNI-Net (Prof. W. Wertencki) presented the report on “Congenital Malformations as One of the Leading Causes of Infant Mortality” ... Controlling Epidemic of Neural Tube Defects in Ukraine ... persistent epidemic of spina bifida (rates in Ukraine are the highest in Europe), which could be reduced by the mandatory fortification of flour with folic acid ... Ukraine already produces enriched flour for export, but not for Ukrainians ... fortification will save 1000 children annually from death or disability. The implementation of this initiative will reduce infant mortality by 15% in

Ukraine ... Prof. W. Wertencki proposed the submission of the prepared legislation for the full vote by Parliament. The Health Committee approved the proposal and subsequently it was reviewed by other relevant ministries.

*P.S. Addendum (2023): **Legislative proposal for folic acid fortification of flour** was resubmitted in 2021. War circumstances prevented completion of the process.*

More ...

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HELPING CHILDREN WITH SPINA BIFIDA “HELP US TO HELP THEM”



CATHETERS FOR CHILDREN WITH SPINA BIFIDA. OMNI-Net encourages parents of children who need catheters to mail to:

omninetukr@gmail.com

Over **15000 catheters** have already been distributed ...
Now families from Kharkiv and Odessa are receiving assistance ...

Shipments of catheters are supplemented by folic acid tablets as reminders to the patients' mothers to **prevent recurrence of neural tube defects**.

More ...

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POPULATION-BASED MONITORING OF BIRTH DEFECTS (BD) IN UKRAINE OMNI-NET AT JRC-EUROCAT 2023 MEETING



OMNI-Net report presented the results of current research on frequency of **neural tube defects (NTD)** and whole-body counts (Bq/kg) of **incorporated cesium-137 (Cs-137)** by pregnant women.

Elevated NTD rates and whole-body counts of Cs-137 persist. However, there are indications of a **concurrent temporal decrement** of both. The implications of cause-effect are under consideration ...

More ...

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**CRITICAL ASSISTANCE FROM POLISH GOODWILL PARTNERS
LUTSK REHABILITATION CENTER IN VOLYN**



Dr. T. Vihovska, Director of the Center (left) with K. Dobrowolski and Ms. O. Hubka (right) representing “Happy Kids Foundation” who contributed toward the purchase of the shown hydrolic physical therapy platform and a backup electric generator. The renovation of the room was funded by local Ukrainian donations.



More ...

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**KRAKOW – EUROPEAN JOINT PROGRAMME RARE DISEASES (4-6/VI/2023)
OMNI-NET – UKRAINIAN REPRESENTATIVES OF PEDIATRIC UROLOGY AND NEUROSURGERY**



... a seminar on multidisciplinary treatment of rare diseases (myelomeningocele and lower urinary tract obstruction) during pre- and postnatal periods was held ... Due to **OMNI-Net, IF, ERN eUROGEN** cooperation program on improvement of clinical care, quality of life, and prevention of spinal dysraphisms and other related disorders in Ukraine, the seminar was attended by ...

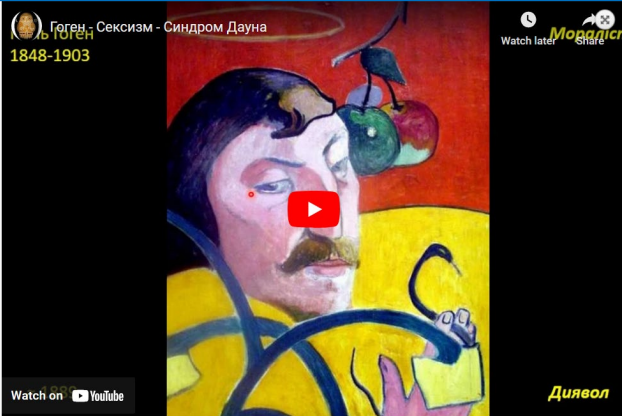
More ...

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TAKE A LOOK!

Users: >263,000 per year. Page views: >388,000
Please share with others!

Coordinators:
Сергій Лапченко, Ігор Щавій



GAUGUIN – SEXISM – DOWN SYNDROME ...

Video, 11 min.

[More ...](#)

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<https://www.youtube.com/channel/UCGvNZ8FVv49W7-8PHCsPPNw>

Video – YouTube – Dysmorphology Malformations Birth Defects Signs Channel.

Yearly statistics (views): 20,797; Belgium - 23%, Ukraine - 10%, ...

Rest of the bulletin – deleted.

THIS IS AN EXTRACT FROM THE UKRAINIAN VERSION OF THIS NEWS BULLETIN (late July, 2023)

Please, contact us at omninetukr@gmail.com
